## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
<b>S</b> 1	9	("20020074558" "20020096687" "2 0020137244" "5115286" "5861636"  "5889295" "6403987" "6420732" " 6878563").PN.	US-PGPUB; USPAT	OR	ON	2007/12/10 11:34
S2	11	("5157468"   "5210051"   "5376580"   "5625202"   "5661074"   "5780873"   "5786606"   "5862167"   "5874747"   "5928421"   "6060335").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 13:26
S3	165	current adj spreading near5 transparent	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 13:32
S4	76	current adj spreading near5 oxide	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 13:33
S5	0	("2004/0135166").URPN.	USPAT	OR	ON	2007/12/10 15:08
S6	1	"6847056".pn.	USPAT	OR	ON	2007/12/10 15:08
S7	3	("6057562"   "6420732"   "6459098").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 16:21
S8	1	"6614056".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 16:21
S9	9	("5309001"   "5652434"   "5696389"   "5698865"   "5793405"   "5898185"   "5923052"   "5959316"   "6307218").PN.	US-PGPUB; USPAT; USOCR	OR .	ON	2007/12/10 16:43
S10	1	"6657236".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 16:43
S11	1	"6459098".pn.	US-PGPUB; USPAT	OR	ON	2007/12/10 19:13
S12	1	"6614056".pn.	US-PGPUB; USPAT	OR	ON	2007/12/10 19:36
S13	844	jacket adj layer	US-PGPUB; USPAT	OR	ON	2007/12/10 19:38
S14	61	jacket adj layer and semiconductor	US-PGPUB; USPAT	OR	ON	2007/12/10 19:38
S15	330	DBR near9 (conduct\$3)	US-PGPUB; USPAT	OR	ON	2007/12/10 20:30
S16	70	DBR near9 (conduct\$3) near3 electric\$4	US-PGPUB; USPAT	OR `	ON	2007/12/10 20:45
S17	1	current adj spread\$3 with SnO near Sb	US-PGPUB; USPAT	OR	ON	2007/12/10 20:46

## **EAST Search History**

			_			
S18	3	current adj spread\$3 with SnO	US-PGPUB; USPAT	OR	ON	2007/12/10 20:47
S19	4	SnO and Sb and current adj spread\$3	US-PGPUB; USPAT	OR	ON	2007/12/10 20:48
S20	703	SnO and Sb	US-PGPUB; USPAT	OR	ON	2007/12/10 20:52
S21	2507	current adj spread\$3	US-PGPUB; USPAT	OR	ON	2007/12/10 20:52
S22	1	current adj spread\$3 with (tin adj4 oxide or stannous adj oxide) with antimony	US-PGPUB; USPAT	OR	ON	2007/12/10 20:53
S23	57	current adj spread\$3 with (tin adj4 oxide or stannous adj oxide)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:03
S24	8	current adj spread\$3 with (tin adj4 oxide or stannous adj oxide) and (Sb or antimony)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:24
S25	4	("5789768"   "5977565"   "6121635"   "6838705").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 21:04
S26	87	diffusion with (tin adj4 oxide or stannous adj oxide) and (Sb or antimony)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:24
S27	18	diffusion with (tin adj4 oxide or stannous adj oxide) and (Sb or antimony) and (contact with reflect\$3)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:34
S28	17316	(tin adj4 oxide or stannous adj oxide) and (Sb or antimony)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:34
S29	9217	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony)	US-PGPUB; USPAT	OR	ON	2007/12/10 21:34
S30	0	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony) with thermal adj conductivity	US-PGPUB; USPAT	OR	ON	2007/12/10 21:34
S31	148	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony) with thermal	US-PGPUB; USPAT	OR	ON	2007/12/10 21:35
S32	0	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony) with thermal adj conduct\$3	US-PGPUB; USPAT	OR	ON	2007/12/10 21:35
S33	6	(tin adj4 oxide or stannous adj oxide) with (Sb or antimony) with heat near3 conduct\$3	US-PGPUB; USPAT	OR	ON	2007/12/10 21:38
S34	46	(Sb or antimony) with heat near3 conduct\$3	US-PGPUB; USPAT	OR	ON	2007/12/10 21:39
S35	7	(Sb or antimony) near5 heat near3 conduct\$3	US-PGPUB; USPAT	OR	ON	2007/12/10 22:05

## **EAST Search History**

S36	1884	(Sb or antimony) near5 (good or improv\$3)	US-PGPUB; USPAT	OR	ON	2007/12/10 22:05
S37	48	(Sb or antimony) near5 (good or improv\$3) and contact near5 (reflect\$3)	US-PGPUB; USPAT	OR .	ON	2007/12/11 13:55
S38	22801	electrode near5 reflect\$3	US-PGPUB; USPAT	OR	ON	2007/12/11 13:55
S39	1234	electrode near5 reflect\$3 with improv\$3	US-PGPUB; USPAT	OR ·	ON	2007/12/11 13:55
S40	461	electrode near5 reflect\$3 near3 improv\$3	US-PGPUB; USPAT	OR	ON	2007/12/11 13:55
S41	2	electrode near5 reflect\$3 near3 improv\$3 with (current adj spread\$3)	US-PGPUB; USPAT	OR	ON	2007/12/11 14:03
S42	18	electrode near5 reflect\$3 near3 improv\$3 and (current adj spread\$3)	US-PGPUB; USPAT	OR	ON	2007/12/11 14:13
S43	32	tunnel adj junction near5 AlGaAs	US-PGPUB; USPAT	OR	ON	2007/12/11 14:14
S44	0	tunnel adj junction near5 AlGaAs with (improv\$3 or good or excellent)	US-PGPUB; USPAT	OR	ON	2007/12/11 14:15
S45	106	solder adj metallization	US-PGPUB; USPAT	OR	ON	2007/12/11 14:21
S46	17	solder adj metallization with substrate	US-PGPUB; USPAT	OR	ON	2007/12/11 14:21
S47		solder adj metallization with substrate with improv\$3	US-PGPUB; USPAT	OR	ON	2007/12/11 14:21
S48	17	solder adj metallization with substrate	US-PGPUB; USPAT	OR	ON	2007/12/11 14:21
S49	1	"20020131462"	US-PGPUB; USPAT	OR '	ON	2007/12/11 15:14
S50	1	"6573537".pn.	US-PGPUB; USPAT	OR	ON	2007/12/11 15:50
S51	170527	aluminum near5 current spreading	US-PGPUB; USPAT	OR	ON	2007/12/11 15:50
S52	10	aluminum near5 current adj spreading	US-PGPUB; USPAT	OR	ON	2007/12/11 15:50